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Term:

113 same (advantag\$ or useful\$)

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USPT	l13 same (advantag\$ or useful\$)	5	<u>L15</u>
USPT	l13 same (mass near0 spectrometry)	2	<u>L14</u>
USPT	l12 same releas\$	45	<u>L13</u>
USPT	pyrophosphate same (nucleic or polynucleotide or DNA or RNA)	1211	<u>L12</u>
USPT	l9 same microchip\$	0	<u>L11</u>
USPT	l9 same (nucleic or polynucleotide or DNA or RNA)	0	<u>L10</u>
USPT	RTV near0 silicone\$ same (advantag\$ or useful\$)	249	<u>L9</u>
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USPT	l6 same (nucleic or polynucleotide or DNA or RNA)	210	<u>L7</u>
USPT	biotin same streptavidin same surface	578	<u>L6</u>
USPT	l4 same (nucleic or DNA or RNA or polynucleotide)	0	<u>L5</u>
USPT	l3 same (advantag\$ or useful\$)	89	<u>L4</u>
USPT	pendant near0 carboxylic	572	<u>L3</u>
USPT	l1 same (advantag\$ or useful\$)	1	<u>L2</u>
USPT	photobleach\$ same (remov\$ or reduc\$) same signal\$	21	<u>L1</u>

ANSWER 14 OF 29 BIOSIS COPYRIGHT 2001 BIOSIS DUPLICATE 8
AN 1995:398529 BIOSIS
DN PREV199598412829
TI (+)-delta-cadinene is a product of sesquiterpene cyclase activity in cotton.
AU Davis, Gordon D.; Essenberg, Margaret (1)
CS (1) Dep. Biochem. Molecular Biol., Okla. State Univ., Stillwater, OK
740780-0454 USA
SO Phytochemistry (Oxford), (1995) Vol. 39, No. 3, pp. 553-567.
ISSN: 0031-9422.
DT Article
LA English
AB Glandless cotton cotyledons stimulated to produce sesquiterpenoid phytoalexins by inoculation with *Xanthomonas campestris* pv. *malvacearum*, or by injection of oligogalacturonide elicitors, generated a hydrocarbon that was absent in mock-inoculated or non-inoculated cotyledons. Enzyme preparations from the same cotton cotyledons catalysed cell-free reactions which converted (E, E)-(1-3H)farnesyl **pyrophosphate** into a predominant tritium-labelled hydrocarbon product. Large-scale cell-free reactions catalysed by enzyme preparations from cotton cotyledons previously inoculated with *Xanthomonas campestris* pv. *malvacearum* converted nonradioactive (E, E)-farnesyl **pyrophosphate** into the hydroca